Famous Geometer Project

Your assignment is to write a 3-5 page paper (excluding title page and bibliography) on a famous mathematician who focused on geometry, known as a geometer. You will give a short presentation in class. This project will require research outside of class, using either the internet or the library (CCC or local library).

* Topic selection
  + You may pick a geometer of your choice. I suggest that you Google "famous geometers" to get some ideas.
  + Your topic is due on Friday, November 13. This will be worth one daily assignment, but will not be part of the grade for the project. If you have not picked someone, I will pick someone for you, and you will get a zero on the daily assignment.
* The Paper
  + The title page must include the following elements:
    - Name of mathematician
    - Dates of birth and death of mathematician
  + Your paper must include the following information:
    - Introduction (1 paragraph)
      * Names your mathematician and previews his or her major contributions, as well as other ideas you will be discussing in your paper (see body)
    - Body (3-5 paragraphs)
      * Dates of birth and death of mathematician
      * Places of birth and death
      * Additional biographical information (education, famous teachers, family life, etc.)
      * Most significant contributions to the field of mathematics
      * Contributions to mathematics today
    - Conclusion (1 paragraph)
      * Summarizing what you have discussed in your paper and provides closure for your reader about the significance of your mathematicians
  + Bibliography
    - Cite all references using MLA citation (we will discuss this in class)
  + Writing style
    - This is an expository (informative) research paper.
    - You should write this paper in an academic style, using appropriate vocabulary.
    - Correct spelling, grammar, and punctuation are expected.
    - You should not use "I" in this paper. You are reporting on your research, not persuading the reader of your opinion.
* Presentation
  + You will be making brief (3-5 minute) presentation on your mathematician in class
  + You will need a visual aid (PowerPoint or Poster, see me if you want to do something different)
* Grading will be based on the following rubric.

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|  | Paper and Speech | | Paper Only | | | | | Speech Only | |
| Standard | Ideas and Content | Organization | Voice | Sentence Fluency | Word Choice | Conventions | Citing sources | Language | Delivery |
| Weight | 25% | 20% | 5% | 5% | 5% | 20% | 5% | 5% | 10% |

* Due Dates
  + Topic - November 13
  + Rough Draft - November 24
  + Final Paper and Presentation - December 10